

## RJ45 male 0° / RJ45 male 0° shield Ethernet

PUR 2x2xAWG22 shielded gn UL,CSA 20m

Ethernet CAT5

Male straight – male straight
RJ45 – RJ45, 4-pole
shielded

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

### **Link to Product**

### Illustration



Product may differ from Image

#### Approvals



\* only for products with UL/CSA approved cable

# More Info

EtherNet/IP





Form	
Form	74301
General data	
Mounting method	inserted
Pollution Degree	3
Temperature range	-25+85 °C, depending on cable quality
Cables	
No./diameter of wires	2× 2× AWG22/7 (0.355)
Wire isolation	PE (wh, ye, bl, or)
Jacket Color	green
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.7 mm ±5%
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-40+80 °C
Temperature range (mobile)	-30+70 °C
Cable identification	794
Approval (cable)	UL (AWM-Style 20233/10578), CSA; CE
Cable weight [g/m]	75,87
Material (wire)	Cu wire, bare

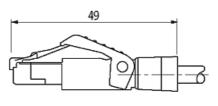


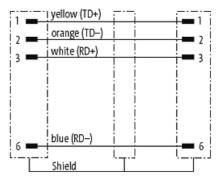
stay connected

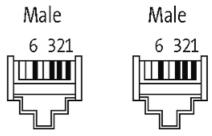
Construction (core)         7 - 0.254 mm           Diameter (core)         2 x 2 x AWG227 (0.355)           AMG         amilar to AWG 22           Material (wire isolation)         PE           Wire O (not. isolation)         1.55 mm 15%           Coloriumbering of wires         wh. ye. U. or           Shield         yes           Material (jackat)         PUR           Outer-0 (jacket)         6.7 mm 15%           Color (jacket)         green           Celor (jacket)         good resistance to oil, gasoline and chemicals           thermal resistance         flame retaudant           Nominal vollage         300 V           Temperature range (irobit)         3070 °C           Bend radius (fixed)         8.0 user 0           Bend radius (moving)         12. outer 0           Technical position         max. 80 V DC           Operating voltage         max. 60 V DC           Coparating voltage (only UL listed)         max. 30 V DC           Operating uvoltage (only UL listed)         max. 50 V DC           Operating uvoltage (only UL listed)         max. 15 A (20 °C)           Material group         IEC 600641, category I           No. of poles         4           LED display         no	Resistor (core)	max. 55 Ω/km (20 °C)	
AWG similar to AWG 22  Material (wire isolation) PE  Wire-Ø Incl. isolation 1.55 mm ±5%  Coloriumbering of wires wh. ye, bl. or  Shold yes min. 85%  Material (jacket) PUR  Outer-Ø (jacket) 6.7 mm ±5%  Color (jacket) green chemical resistance green chemical resistance glame retardant Nominal voltage 300 V  Temperature range (floed) 40480 °C  Temperature range (mobile) 30070 °C  Bend radius (floxed) 6.9 outer Ø  Bend radius (floxed) 6.9 outer Ø  Bend radius (groving) 12. outer Ø  Derating voltage (grily UL listed) max. 30 V DC  Rated surge voltage 1.0 kV C  Operating voltage 1.0 kV C  Operating current per contact max. 1.5 k (20 °C)  Material group EC 66666-11, category 1  No. of poles 4  Transfer rate up to 100 Moltis full duplex  LED display no  Locking of ports Snap-in connector  Protoction P20  Locking of ports Snap-in connector  Protoction DE  commercial date  country of origin DE  customs tariff number 85444210  EAN 4048879458407  Fackaging untl. 1  1 1	Construction (core)	7× 0.254 mm	
Material (wire isolation)         PE           Wire & Dind. Isolation         1.55 mm ±5%           Colorimumbering of wires         wh, ye, bl. or           Shiold         yes           Image: Colorimumbering of wires         wh, ye, bl. or           Shiold         yes           Image: Colorimumbering of wires         wh, ye, bl. or           Shiold         yes           Image: Colorimumbering of wires         wh. ye, bl. or           Material (jacker)         PUR           Coloring (jacker)         6.7 mm ±5%           Color (jacker)         preen           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         40480 °C           Temperature range (fixed)         6 voller Ø           Bend radius (moving)         12 voller Ø           Bend radius (moving)         12 voller Ø           Technical Data         Operating voltage (mblie)         6 voller Ø           Operating voltage (mbly UL lieted)         max 80 V DC         Operating voltage (mbly UL lieted)         max 80 V DC           Operating voltage (mbly UL lieted)         max 1.5 A (20 °C)         Operating v	Diameter (core)	2×2×AWG22/7 (0.355)	
Wire-O Incl. isolation         1.55 mm ±5%           Color/mumbering of wires         wh. ye, bl. or           Shield         yes           Chief (jacket)         PUR           Outer-O (jacket)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         4080 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         6 x outer O           Bend radius (moving)         12 vouer O           Technical Data         VC           Operating voltage         max. 60 V DC           Operating voltage (only Li tisted)         max. 60 V DC           Operating voltage (only Li tisted)         max. 30 V DC           Rated surge voltage         max. 15 A (20 °C)           Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         C AT5c. Class D ((SO/IEC 118012002), (EN 50173-1)           Transfer rate         up to 100 Mbit's full duplex           LED display         no           Locking of ports	AWG	similar to AWG 22	
Colorinumbering of wires         wh. ye, bl. or           Shield         yes           min. 85%         min. 85%           Material (jacket)         PUR           Culor (jacket)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fiked)         -40480 °C           Temperature range (mobile)         30470 °C           Bend radius (fixed)         6 x outer Ø           Bend radius (moving)         12 x outer Ø           Technical Data           Operating voltage (only U.L listed)           max. 60 V DC           Operating voltage (only U.L listed)         max. 60 V DC           Operating current per contact         max. 15 A (20 °C)           Material group         IEC 66664-1, category I           No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Tr	Material (wire isolation)	PE	
Shield         yes           min. 85%           Cuter-Ø (jacket)         PUR           Cuter-Ø (jacket)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         -4080 °C           Temperature range (mobile)         -3070 °C           Bend radius (fixed)         6. volter Ø           Bend radius (fixed)         6. volter Ø           Bend radius (groving)         12 × outer Ø           Technical Data           Operating voltage         max. 60 V DC           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         10 k V           Operating current per contact         max. 1.5 A (20 °C)           Material group         IEC 60664-1, category 1           No. of poles         4           Transfer parameters         C AT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer parameters         C AT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer parameters         C AT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)	Wire-Ø incl. isolation	1.55 mm ±5%	
min. 85%     Material (jacket)	Color/numbering of wires	wh, ye, bl, or	
Material (jacket)         PUR           Outer-Ø (jacket)         6.7 mm ±5%           Color (jacket)         green           Chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         -4080 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         6 × outer Ø           Bend radius (moving)         12 × outer Ø           Technical Data           Operating voltage         max. 60 V DC           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.0 kV           Operating current per contact         max. 15 A (20 °C)           Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         CAT5c, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer parameters         Up to 100 Mbits full duplex           LED display         no           Locking not ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR </td <td>Shield</td> <td>yes</td>	Shield	yes	
Outer-O (jacket)         6.7 mm ±5%           Color (jacket)         green           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         6x outer Ø           Bend radius (moving)         12* outer Ø           Technical Data           Operating voltage           Operating voltage (only UL listed)         max. 60 V DC           Operating uper untiper contact         max. 1.5 A (20 °C)           Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer rate         up to 100 Mbit's full duplex           LED display         no           Locking of ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR           suitable for corrugated tube (internal Ø)         without           Commercial dat		min. 85%	
Color (jacket)         green           chemical resistance         good resistance to oil, gasoline and chemicals           thermal resistance         flame retardant           Nominal voltage         300 V           Temperature range (fixed)         40480 °C           Temperature range (mobile)         -30470 °C           Bend radius (fixed)         6× outer Ø           Bend radius (moving)         12× outer Ø           Technical Data           Operating voltage (only UL listed)         max. 60 V DC           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.0 kV           Operating current per contact         max. 1.5 A (20 °C)           Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801 2002), (EN 50173-1)           Transfer rate         up to 100 Mbit's full duplex           LED display         no           Locking of ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR           suitable for corrugated tube (internal Ø)         without <th colspa<="" td=""><td>Material (jacket)</td><td>PUR</td></th>	<td>Material (jacket)</td> <td>PUR</td>	Material (jacket)	PUR
chemical resistance good resistance to oil, gasoline and chemicals thermal resistance flame retardant solitage 300 V  Temperature range (fixed) 40+80 °C  Temperature range (mobile) -30+70 °C  Bend radius (fixed) 6× outer Ø  Bend radius (moving) 12× outer Ø  Technical Data  Operating voltage (only UL listed) max. 60 V DC  Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.0 kV  Operating current per contact max. 1.5 A (20 °C)  Material group EC (also D (SO/EC 11801-2002), (EN 50173-1)  Transfer rate up to 100 Mbiris full duplex  LED display no  Locking of ports Snap-in connector  Protection IP20  Locking material PUR  suitable for corrugated tube (internal Ø) without  Commercial data  country of origin DE  EAN 4048879438407  eClass 27061801  Packaging unit 1	Outer-Ø (jacket)	6.7 mm ±5%	
thermal resistance   flame retardant	Color (jacket)	green	
Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         6 × outer Ø           Bend radius (moving)         12× outer Ø           Technical Data           Operating voltage           Mactical prosport of professor         max. 60 V DC           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.0 kV           Operating current per contact         max. 1.5 A (20 °C)           Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Locking of ports         Snap-in connector           Protection         IP20           Locking of ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR           suitable for corrugated tube (internal Ø)         without           Commercial data           country of origin         DE	chemical resistance	good resistance to oil, gasoline and chemicals	
Temperature range (fixed)         -40+80 ° C           Temperature range (mobile)         -30+70 ° C           Bend radius (fixed)         6× outer Ø           Bend radius (moving)         12× outer Ø           Technical Data           Operating voltage         max. 60 V DC           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.0 kV           Operating current per contact         max. 1.5 A (20 ° C)           Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           LED display         no           Locking of ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR           suitable for corrugated tube (internal Ø)         without           Commercial data           country of origin         DE           customs tariff number         85444210           EAN         4048879438407           eClass         27061801	thermal resistance	flame retardant	
Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         6× outer Ø           Bend radius (moving)         12× outer Ø           Technical Data           Operating voltage         max. 60 V DC           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.0 kV           Operating current per contact         max. 1.5 A (20 °C)           Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer rate         up to 100 Mbit/s full duplex           LED display         no           Locking of ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR           suitable for corrugated tube (internal Ø)         without           Commercial data           country of origin         DE           customs tariff number         85444210           EAN         4048879438407           eClass         27061801           Packaging unit         1	Nominal voltage	300 V	
Bend radius (fixed)         6× outer Ø           Bend radius (moving)         12× outer Ø           Technical Data         Operating voltage         max. 60 V DC           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.0 kV           Operating current per contact         max. 1.5 A (20 °C)           Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer rate         up to 100 Mbit/s full duplex           LED display         no           Locking of ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR           suitable for corrugated tube (internal Ø)         without           Commercial data         country of origin         DE           customs tariff number         85444210           EAN         4048879438407           eClass         27061801           Packaging unit         1	Temperature range (fixed)	-40+80 °C	
Bend radius (moving) 12× outer Ø  Technical Data  Operating voltage max. 60 V DC  Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.0 kV  Operating current per contact max. 1.5 A (20 °C)  Material group IEC 60664-1, category I  No. of poles 4  Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  LED display no  Locking of ports Snap-in connector  Protection IP20  Locking material PUR  suitable for corrugated tube (internal Ø) without  Commercial data  country of origin DE  customs tariff number 85444210  EAN 4048879438407  eClass 27061801  Packaging unit 1	Temperature range (mobile)	-30+70 °C	
Technical Data  Operating voltage	Bend radius (fixed)	6× outer Ø	
Operating voltage max. 60 V DC Operating voltage (only UL listed) max. 30 V DC Rated surge voltage 1.0 kV Operating current per contact max. 1.5 A (20 °C) Material group IEC 60664-1, category I No. of poles 4 Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer rate up to 100 Mbit/s full duplex LED display no Locking of ports Snap-in connector Protection IP20 Locking material PA Material PUR suitable for corrugated tube (internal Ø) without  Commercial data  country of origin DE customs tariff number 85444210 EAN 4048879438407 eClass 27061801 Packaging unit 1	Bend radius (moving)	12× outer Ø	
Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.0 kV           Operating current per contact         max. 1.5 A (20 °C)           Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer rate         up to 100 Mbit/s full duplex           LED display         no           Locking of ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR           suitable for corrugated tube (internal Ø)         without           Commercial data           country of origin         DE           customs tariff number         85444210           EAN         4048879438407           eClass         27061801           Packaging unit         1	Technical Data		
Rated surge voltage 1.0 kV  Operating current per contact max. 1.5 A (20 °C)  Material group IEC 60664-1, category I  No. of poles 4  Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  LED display no  Locking of ports Snap-in connector  Protection IP20  Locking material PA  Material PUR  suitable for corrugated tube (internal Ø) without  Commercial data  country of origin DE  customs tariff number 85444210  EAN 4048879438407  eClass 27061801  Packaging unit 1	Operating voltage	max. 60 V DC	
Operating current per contact max. 1.5 A (20 °C)  Material group IEC 60664-1, category I  No. of poles 4  Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  LED display no  Locking of ports Snap-in connector  Protection IP20  Locking material PA  Material PUR  suitable for corrugated tube (internal Ø) without  Commercial data  country of origin DE  customs tariff number 85444210  EAN 4048879438407  eClass 27061801  Packaging unit 1	Operating voltage (only UL listed)	max. 30 V DC	
Material group         IEC 60664-1, category I           No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer rate         up to 100 Mbit/s full duplex           LED display         no           Locking of ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR           suitable for corrugated tube (internal Ø)         without           Commercial data           country of origin         DE           customs tariff number         85444210           EAN         4048879438407           eClass         27061801           Packaging unit         1	Rated surge voltage	1.0 kV	
No. of poles         4           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer rate         up to 100 Mbit/s full duplex           LED display         no           Locking of ports         Snap-in connector           Protection         IP20           Locking material         PA           Material         PUR           suitable for corrugated tube (internal Ø)         without           Commercial data         country of origin           customs tariff number         85444210           EAN         4048879438407           eClass         27061801           Packaging unit         1	Operating current per contact	max. 1.5 A (20 °C)	
Transfer parameters  CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate  up to 100 Mbit/s full duplex  LED display  no  Locking of ports  Snap-in connector  Protection  IP20  Locking material  PA  Material  PUR  suitable for corrugated tube (internal Ø) without  Commercial data  country of origin  DE  customs tariff number  85444210  EAN  4048879438407  eClass  27061801  Packaging unit  1	Material group	IEC 60664-1, category I	
Transfer rate up to 100 Mbit/s full duplex  LED display no  Locking of ports Snap-in connector  Protection IP20  Locking material PA  Material PUR  suitable for corrugated tube (internal Ø) without  Commercial data  country of origin DE  customs tariff number 85444210  EAN 4048879438407  eClass 27061801  Packaging unit 1	No. of poles	4	
LED display no Locking of ports Snap-in connector  Protection IP20  Locking material PA  Material PUR suitable for corrugated tube (internal ∅) without  Commercial data  country of origin DE customs tariff number 85444210  EAN 4048879438407  eClass 27061801  Packaging unit 1	Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)	
Locking of ports  Protection  IP20  Locking material  PA  Material  PUR  suitable for corrugated tube (internal Ø)  Commercial data  country of origin  Customs tariff number  EAN  4048879438407  eClass  Packaging unit  Snap-in connector  PP20  DR  without  DB  27061801	Transfer rate	up to 100 Mbit/s full duplex	
Protection IP20 Locking material PA  Material PUR suitable for corrugated tube (internal ∅) without  Commercial data country of origin DE customs tariff number 85444210  EAN 4048879438407 eClass 27061801  Packaging unit 1	LED display	no	
Locking materialPAMaterialPURsuitable for corrugated tube (internal ∅)withoutCommercial datacountry of originDEcustoms tariff number85444210EAN4048879438407eClass27061801Packaging unit1	Locking of ports	Snap-in connector	
Material PUR suitable for corrugated tube (internal ∅) without  Commercial data  country of origin DE  customs tariff number 85444210  EAN 4048879438407  eClass 27061801  Packaging unit 1	Protection	IP20	
suitable for corrugated tube (internal Ø) without  Commercial data  country of origin DE  customs tariff number 85444210  EAN 4048879438407  eClass 27061801  Packaging unit 1	Locking material	PA	
Commercial data           country of origin         DE           customs tariff number         85444210           EAN         4048879438407           eClass         27061801           Packaging unit         1	Material	PUR	
country of origin         DE           customs tariff number         85444210           EAN         4048879438407           eClass         27061801           Packaging unit         1	suitable for corrugated tube (internal Ø)	without	
customs tariff number         85444210           EAN         4048879438407           eClass         27061801           Packaging unit         1	Commercial data		
EAN 4048879438407 eClass 27061801 Packaging unit 1	country of origin	DE	
eClass         27061801           Packaging unit         1	customs tariff number	85444210	
Packaging unit 1	EAN	4048879438407	
	eClass	27061801	
Sketch	Packaging unit	1	
	Sketch		



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